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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/782,774	02/13/2001	Yongcheng Li	RSW920000168US1	2015
7590	10/06/2003		EXAMINER	
Jeanine S. Ray-Yarletts IBM Corporation T81/503 P.O. Box 12195 Research Triangle Park, NC 27709			TRAN, MYLINH T	
			ART UNIT	PAPER NUMBER
			2174	4
DATE MAILED: 10/06/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/782,774	LI ET AL.	
	Examiner Mylinh T Tran	Art Unit 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 13 February 2001.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-40 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-40 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____

4) Interview Summary (PTO-413) Paper No(s) _____.
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____

DETAILED ACTION***Specification***

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The abstract should not repeat the claim.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Prinzing [US. 6,496,202] in view of Nakamura et al. [US. 6,178,433].

As to claims 1, 17 and 33, Prinzing discloses a data processing system for customizing a graphical user interface of an application on a data processing system (column 4, line 56 through column 5, line 5) and plural customization formats (column 6, line 38 through column 7, line 43); and initiating customization of the graphical user interface by automatically switching between the first customization format and the second

customization format (column 6, lines 60-68 and column 7, lines 1-43). The differences between the claim and Nakamura et al. are determining a first customization format and a second customization format; Nakamura et al. teaches determining a first customization format (column 5, lines 60-68 and column 7, lines 21-38); determining a second customization format (column 8, lines 20-45). It would have been obvious to one of ordinary skill in the art, having the teachings of Prinzing and Nakamura et al. before him at the time the invention was made to modify the plural customization formats as taught by Prinzing, to include the step of determining these formats of Nakamura et al., in order to allow the user can present the entire host application to the web very quickly while customizing portions of the host applications selectively and gradually as taught by Nakamura et al.

As to claims 2, 18 and 34, Nakamura et al. also discloses the first customization format is a macro-based customization format (column 5, lines 60-68 and column 7, lines 21-40).

As to claims 3, 19 and 35, Nakamura et al. teaches the second customization format is a screen by screen customization format (column 8, lines 20-45).

As to claims 4 and 20, Nakamura et al. also teaches the first customization format and the second customization format maintains continuous interaction with the application (column 7, line 21 through column 8, line 65).

As to claims 5, 21 and 36, Prinzing shows the step of transferring control of the customization of the graphical user interface to the first customization format (column 6, line 38 through column 7, line 43).

As to claims 6 and 22, Prinzing also shows initiating customization of the graphical user interface is sent to a predefined markup (column 9, lines 12-43).

As to claims 7, 23 and 37, Prinzing provides responsive to completion of customization of the graphical user interface, displaying the graphical user interface based on the customization (column 2, line 60 through column 3, line 57 and column 16, line 30 through column 17, line 15).

As to claims 8 and 24, Prinzing et al. also provides if a first format and a second format cannot be determined, initiating customization of the graphical user interface by automatically switching to a default customization format (column 6, lines 60-68 and column 7, lines 1-43).

As to claims 9, 25 and 38, while Prinzing demonstrates retrieving a customization format from a plurality of customization formats (column 6, line 38 through column 7, line 43), Nakamura et al. teaches determining if the retrieved customization format recognizes a host application screen among the plurality of host application screens (column 5, lines 60-68 and column 7, lines 21-38) and responsive to the retrieved macro recognizing the host application screen, executing the retrieved macro to customize the graphical user interface (column 8, lines 20-45).

As to claims 10, 26 and 39, Nakamura et al. discloses the customization format is at least one of a macro-based customization format and a screen by screen customization format (column 5, line 60 through column 6, line 8 and column 8, lines 20-45).

As to claims 11, 14-16, 27, 30-32 and 40, while Nakamura et al. shows responsive to the retrieved customization format not recognizing the host application screen, exiting the retrieved customization format (column 11, lines 5-40), Prinzing also discloses matching the retrieved customization format to customization format entry points; and responsive to the retrieved customization format matching a customization entry point,

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reentering the retrieved customization format (column 13, line 32 through column 14, line 20).

As to claims 12 and 28, Prinzing provides determining whether the retrieved customization format execution is complete; and responsive to completion of the execution of the retrieved customization format, requesting another customization format (column 8, lines 7-65).

As to claims 13 and 29, Prinzing also provides detecting errors within the retrieved customization format; determining if an error handling logic exists within the data processing system; and responsive to error handling logic existing within the data processing system, activating the error handling logic (column 5, lines 5-28, column 8, lines 1-14).

Conclusion

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires fax a response, (703) 746-7238), may be used for formal After Final communications, (703) 746-7239 for Official communications, or (703) 746-4395 for Non-Official or draft communications. NOTE, A Request for Continuation (Rule 60 or 62) cannot be faxed.

Please label "PROPOSED" or "DRAFT" for information facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran whose telephone number is (703) 308-

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1304. The examiner can normally be reached on Monday-Friday from 8.00AM to 4.30PM

If attempt to reach the examiner by telephone are unsuccessful, the examiner 's supervisor, John Cabeca, can be reached on (703) 308-3116,

All Internet e-mail communications will be made of record in the application file.

PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Mylinh Tran

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Kristine Kincaid
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